

M 5.1, 9 km N of Bhachau, India

Origin Time: 2020-06-14 14:43:08 UTC (Sun 20:13:08 local)
Location: 23.3821° N 70.3548° E Depth: 10.0 km

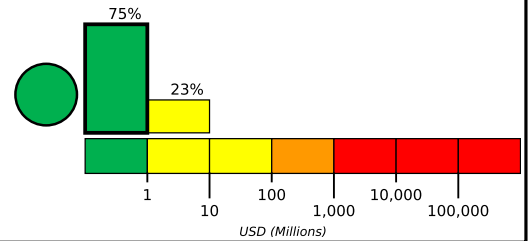
Created: 1 week, 1 day after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



Estimated Economic Losses

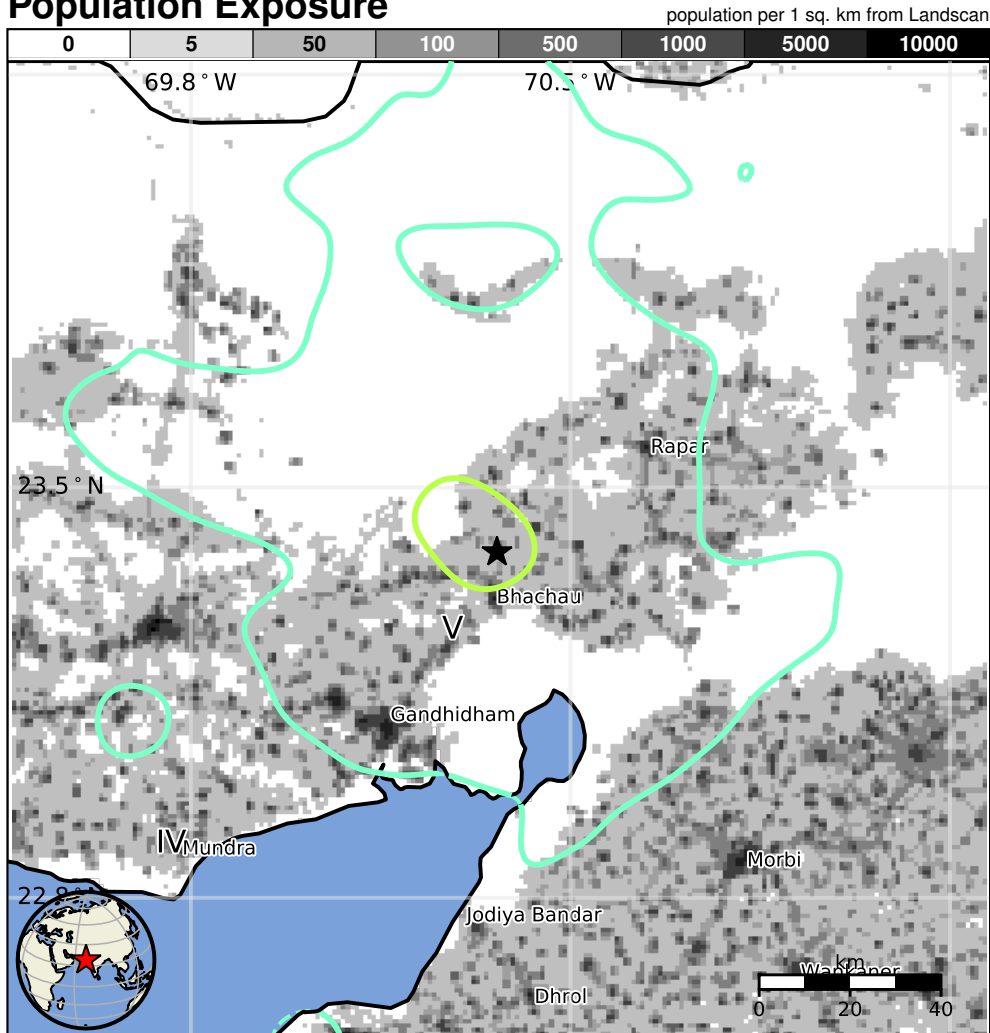


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	—*	2,334k*	1,063k	39k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are extremely vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are adobe block and informal (metal, timber, GI etc.) construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2007-11-06	247	5.1	V(288k)	1
2006-03-07	70	5.5	VI(10k)	0
2001-01-26	7	7.6	IX(151k)	20k

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Bhachau	24k
V	Gandhidham	166k
V	Rapar	22k
V	Anjar	67k
IV	Bedi	21k
IV	Jodiya Bandar	16k
IV	Dhrol	26k
IV	Bhuj	133k
IV	Than	43k
IV	Morbi	118k
IV	Wankaner	48k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us6000abp7#pager>

bold cities appear on map.

(k = x1000)

Event ID: us6000abp7